



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Paul Turner, John P. Guiver, Brian Lines and S. Steven Treiber

Application No.: 09/892,586

Group: 2123

Filed: June 27, 2001

Examiner: Ayal I. Sharon

Confirmation No.: 2279

For: COMPUTER METHOD AND APPARATUS FOR CONSTRAINING A
NON-LINEAR APPROXIMATOR OF AN EMPIRICAL PROCESS

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:

6/6/07 Patricia Blanch
Date Signature

Patricia Blanch

Typed or printed name of person signing certificate

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Amendment for filing in the above-identified application.

- Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a Small Entity Statement previously submitted.
- A Small Entity Statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.

The claims fee has been calculated as shown below:

					SMALL ENTITY		OTHER THAN SMALL ENTITY	
					RATE	ADDIT. FEE	RATE	ADDIT. FEE
TOTAL	64	MINUS	*	25	X \$ 25	\$ []	X 50	\$ 1950
INDEP	22	MINUS	**	7	X \$100	\$ []	X \$200	\$ 3000
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM					+ \$180	\$ []	+ \$360	\$ []
					TOTAL = \$ 0		TOTAL = \$ 4950	

* not fewer than 20
** not fewer than 3

The Application Size Fee has been calculated as shown below:

(Effective for cases filed on or after December 8, 2004)

Actual Sheets (Including current amendment)	Highest No. of Sheets Paid For (At least 100)	No. of Additional Units Required (Increments of 50 sheets)	SMALL ENTITY		OTHER THAN SMALL ENTITY		Payment Sufficient for up to [] Sheets
			Rate	Total Amount Owed	Rate	Total Amount Owed	
			X \$125	\$[]	X \$250	\$[]	

Petition for Extension of Time

- Applicant hereby petitions to extend the time to respond to the Office Action dated February 6, 2007 for one month from May 6, 2007 to June 6, 2007. The appropriate fee is set forth below.
- [For action-specific language in an extension of time, select the appropriate option from the Firm Templates]

Please charge Deposit Account No. 08-0380 for the following fees:

<input type="checkbox"/>	Petition for [] month Extension of Time	\$ _____
<input type="checkbox"/>	Claims Fee	\$ _____
<input type="checkbox"/>	Application Size Fee	\$ _____
<input type="checkbox"/>	Other Fees:	\$ _____

TOTAL:		\$ _____

A check is enclosed in payment of the following fees:

<input checked="" type="checkbox"/>	Petition for one month Extension of Time	\$ 120
<input checked="" type="checkbox"/>	Claims Fee	\$ 4950
<input type="checkbox"/>	Application Size Fee	\$ _____
<input checked="" type="checkbox"/>	Other Fees:	\$ _____

Publication Fee Under 37 C.F.R. §1.18(d)		\$ 300
Request for Republication of Published Patent Application Under 37 C.F.R. §1.221(a)		\$ 130

TOTAL:		\$ 5500

Please charge any deficiency or credit any overpayment in the fees that may be due in this matter to Deposit Account No. 08-0380. A copy of this letter is enclosed for accounting purposes.

Respectfully submitted,


 HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
 #46,605 FOR
 Mary Lou Wakimura
 By _____
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Dated: 6/6/2007

**UTILITY
PATENT APPLICATION
TRANSMITTAL**
*(Only for new nonprovisional applications under
37 C.F.R. 1.53(b))*

Attorney Docket No.	1086.2002-00
First Named Inventor or Application Identifier	Paul Turner
Express Mail Label No.	EL552284690US

FILE COPY

Title of Invention

COMPUTER METHOD AND APPARATUS FOR CONSTRAINING A NON-LINEAR APPROXIMATOR OF AN EMPIRICAL PROCESS

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. [X] Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)

2. [X] Specification [Total Pages 44]
(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to microfiche Appendix
- Background of the Invention
- Summary of the Invention
- Brief Description of the Drawings
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. [X] Drawing(s) (35 U.S.C. 113) [Total Sheets 3]
[] Formal [X] Informal
[X] Fig. of the Drawings for Publication [1]

4. [X] Oath or Declaration/POA [Total Pages 12]

- a. [X] Newly executed (original or copy)
- b. [] Copy from a prior application (37 C.F.R. 1.63(d))
(for continuation/divisional with Box 18 completed)
[NOTE Box 5 below]
- i. [] DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).

5. [] Incorporation By Reference *(useable if Box 4b is checked)*
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

6. [] Microfiche Computer Program (*Appendix*)
[] Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. [] Computer Readable Copy
 - b. [] Paper Copy (identical to computer copy)
[] Pages
 - c. [] Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. [X] Assignment Papers (cover sheet & documents)
[X] Assignee - Aspen Technology, Inc.
Cambridge, MA 02141
9. [] 37 C.F.R. 3.73(b) Statement [] Power of Attorney
(when there is an assignee)
10. [] English Translation Document (*if applicable*)
11. [X] Information Disclosure Statement (IDS)/PTO-1449 [X] Copies of IDS Citations
12. [] Preliminary Amendment
13. [X] Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
14. [] Small Entity Statement(s) [] Statement filed in prior application, status still proper and desired
15. [] Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. [] Nonpublication Request (*check parent application*)
17. [] Other: _____

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

[] Continuation [] Divisional [] Continuation-in-part (CIP) of prior application No.:

Prior application information: Examiner: Group Art Unit:

19. CORRESPONDENCE ADDRESS

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Signature	J. Scott Southworth	Date	June 27, 2001
Submitted by Typed or Printed Name	J. Scott Southworth	Reg. Number	39,382